



2018 ANNUAL REPORT



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FUELING **SOUTH CAROLINA'S** INNOVATION ECONOMY

Chartered in 1983 by the State of South Carolina as a public, non-profit corporation, SCRA fuels South Carolina's innovation economy by accelerating technology-enabled growth in research, academia, entrepreneurship and industry.

WELCOME

Dear Friends,

The key to creating more high-paying jobs for our citizens and more opportunities for South Carolina is through technology-enabled economic development. There are three core elements needed to successfully fuel that development: intellectual infrastructure; capital; and entrepreneurial culture. Through our four program areas, SCRA is dedicated to growing each one of those elements. Our mission is to fuel the innovation economy, thereby growing opportunities and jobs.

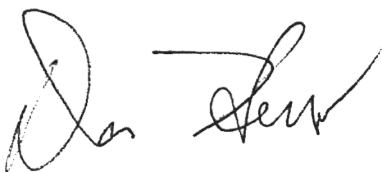
Our 35th anniversary was a landmark year for our team and the innovators we support.

A few highlights include:

- SC Launch Client Companies reached a milestone of \$1 billion in follow-on funding from third-party investors such as venture capitalists.
- Our average annual economic impact was \$688 million.
- An SCRA-led team was awarded a multi-institutional Federal grant that will coalesce experts in the medical device sector to drive the commercialization of products and the creation of startups.
- We are collaborating with the Medical University of South Carolina and others in enabling the creation of a life science discovery district in Charleston.

Thank you to our partners and contributors who are helping to propel innovation in our state. Additionally, many thanks to the SCRA staff and boards, both past and present. It is through their dedication that we continue to be cultivators of innovation. Please read on for more information about our impact in 2018 and beyond.

With appreciation,



Don Herriott
Chairman of SCRA



Bob Quinn
Executive Director of SCRA

LEADERSHIP

Nadim Aziz
Director, EPSCoR

Jessica Cokins
Director, Marketing and Communications

Randy Cutts
Director, Facilities

Cole Dudley
Director, Industry Programs

Yolanda Lewis
Director, Human Resources

John Sircy, CPA, CMA, CFM, CSCA
Director, Finance and Administration

Jill Sorensen, J.D.
Director, Entrepreneurial Programs

Christine Dixon Thiesing
Director, Academic Programs

About Us

MISSION

SCRA fuels South Carolina’s innovation economy by accelerating technology-enabled growth in research, academia, entrepreneurship and industry.

VISION

Our vision is for South Carolina to be a top innovation destination.

VALUES

Innovation:
We apply creativity and resourcefulness to the challenges we face.

Collaboration:
We cultivate partnerships to achieve our mission.

Integrity:
We employ the highest ethical standards, demonstrating honesty, transparency and fairness in every decision and action.

Respect and Trust:
We treat each other with dignity and equality to create a culture of inclusion.

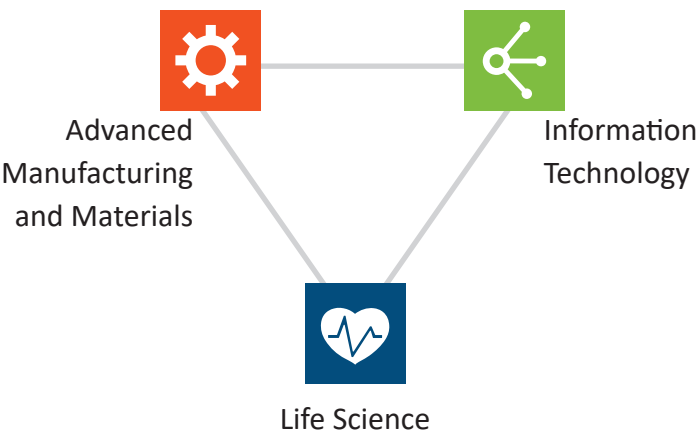
Stewardship:
We use our resources responsibly.

Courage:
We manage risks and do what is right, even in the face of personal or professional adversity.

High Impact Technology Sectors

SCRA brings together the key players in innovation. By working in close alignment with academic institutions, entrepreneurs and industry, three areas of focus have been defined: **Advanced Manufacturing & Materials; Information Technology; and Life Sciences.**

These key sectors align with the strengths of South Carolina’s workforce, institutional research and existing companies, and are the drivers of the innovation economy. The intersection of multiple sectors yields the largest potential for innovation and economic growth.



Accelerating Technology-Enabled Growth

ACADEMIA

SCRA is collaborating to advance academic research by working with academic institutions and affiliates to expand research capabilities, commercialize technology and establish Research Alliances.

ENTREPRENEURS

SCRA’s Entrepreneurial Program, SC Launch, provides startups with mentoring, access to a network of business experts and grants. Companies in the program may also be eligible for investments from SC Launch, Inc.

FACILITIES

SCRA’s Innovation Centers and Facilities offer state-of-the-art office space for emerging companies and academic institutions. They provide wet labs, research facilities and collaboration spaces essential to advance technology and attract technology-based companies.

INDUSTRY

SCRA builds strong relationships with established companies and organizations to create new value by connecting industry with innovators. SCRA also helps relocate companies to the state and address corporate needs.



YEAR IN REVIEW

2018 South Carolina Best Places to Work

For the 8th year in a row, SCRA was recognized as a “Best Places to Work in South Carolina” by the South Carolina Chamber of Commerce. Best Places to Work is dedicated to recognizing the state’s most innovative and top-notch employers.



8TH YEAR
IN A ROW

WEBSITE LAUNCH



Launched a New Website

SCRA designed a new website to add more features and resources to our audience. The interactive company map and list of service providers are two examples of tools users can access.

SACT Grants

The SCRA-Academia Collaboration Team (SACT) announced nearly **\$600,000** in Research Alliance feasibility grants for six projects. The awarded projects encourage collaboration among academic institutions, industry and small businesses to advance commercially relevant research and establish the feasibility of the formation of Research Alliances. 2018 marked the first year of the SACT Awards.

\$600,000

IN THE NEWS

HIGHLIGHTS: SCRA's SC Launch Companies Featured in Local, State and National News

- BANDWAGON was featured on the crowdfunding reality TV series, “Meet the Drapers,” and on episode #50 of The Pitch
- Heatworks MODEL 3 Water Heater was featured in TIME Magazine 2018 Best Inventions

Vidistar Acquired by Hitachi

Vidistar, an SC Launch Client Company, based in Greenville, was acquired by Hitachi in January 2018. "This acquisition will add significant talent and expertise in expanding our Healthcare Informatics business at Hitachi," said Yasuhiko Taniguchi, CEO of Hitachi Healthcare Americas.



SC LAUNCH COMPANY ACQUIRED

RECLEIM

Graniteville, SC

SC Launch Company of the Year

Recleim, an innovative next-generation appliance recycling company specializing in close-loop resource recovery, was selected as the 2018 SC Launch Company of the Year.

- **Graniteville demanufacturing plant opened in 2015 and employs over 100 people**
- **Closed a \$5 million equity round in 2018**
- **#101 in 2018 Inc. Magazine Fastest Growing Private Companies**



SC SBA and SCRA Formalize Partnership

The alliance memorandum signed by SCRA Executive Director and SBA South Carolina District Director is intended to further economic development through entrepreneurship, improve educational opportunities and advance access to capital and technical assistance.



SCRA/SBA ALLIANCE AGREEMENT

MORE HIGHLIGHTS

- Accessible Diagnostics, PharmRight, Citibot, Medical Beam Laboratories, Extremiti3D, Pedal Chic and many other Client Companies were featured on SC Business Review
- BOYD Cycling was featured in the Upstate Business Journal, New Zealand Mountain Bikers, Canadian Cycling Magazine and US Bike Rumors

SCRA IMPACT REPORT

\$1,006,144,979

CAPITAL

Total amount of follow-on-funding SC Launch companies have received. Follow-on-funding is investment capital a company has received after initial support from SCRA.

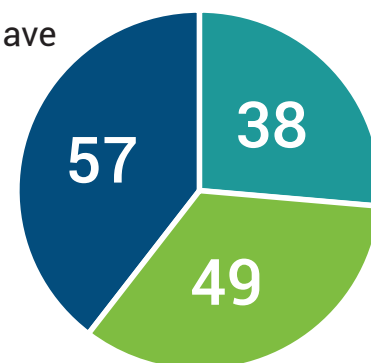
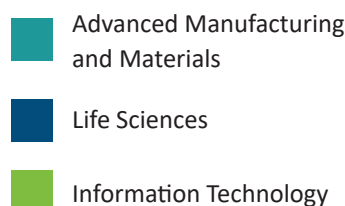
COLLABORATION

~\$1.9 M

SCRA awarded \$1,986,240 for Industry, Academic, and Entrepreneurial Program grants in FY18. Grants help advance research capabilities, commercialize technology, expand product offerings, help with relocation costs and more.



SC Launch Companies That Have Received Follow-on Funding



144 Total companies that have received follow-on funding

High Impact Technology Sectors

Advanced Manufacturing and Materials	\$141 Billion
Life Sciences	\$11.4 Billion
Information Technology	\$10.8 Billion

Estimated economic impact of each sector on South Carolina's economy. These key sectors align with the strengths of South Carolina's workforce, institutional research and existing companies, and are the drivers of the innovation economy.

SCRA ANNUAL AVERAGE ECONOMIC IMPACT

\$688 M

SCRA's impact on the South Carolina innovation economy averages \$688 million annually. The innovation economy is defined as an economic environment that facilitates the production of ideas, knowledge and information.

EMPLOYMENT MULTIPLIER



2.5x

For every 10 jobs supported by SCRA an additional 15 jobs are created elsewhere

\$71,245

Average salary of companies in the SC Launch program



SALARY

\$41,060

State average salary

4,100 JOBS

South Carolina-based jobs supported through SCRA operations and programs per year, on average



SQ. FT.

1.3 M

Square feet of research, lab, collaboration and office space managed by SCRA

PATENTS

132

Number of patents, or pending patents, held by SC Launch companies



SCRA literally helped us create our pivot and get to a point where we have a much more scalable business model that attracted additional investment.

Joe Hanna, CEO of Engage Talent

Information Technology



The funding and support from SCRA's SC Launch program really gave us a lot of credibility for future rounds of financing.

Jerry Callahan, CEO of Heatworks

Advanced Manufacturing
and Materials



The support we've received from SCRA even goes beyond the equity investment from SC Launch. This investment, along with SCRA grants and additional in-state angel support, has helped us double in size...enabling continued growth for us in South Carolina.

**Gautam Ghatnekar, PhD, FirstString
President and CEO**

Life Sciences



Pictured is an Instron Electromechanical Universal Testing System for composites. The equipment was purchased using an SCRA grant, as a collaboration between Clemson University and Greenville Technical College. It is available to all South Carolina researchers.

ACADEMIC PROGRAMS

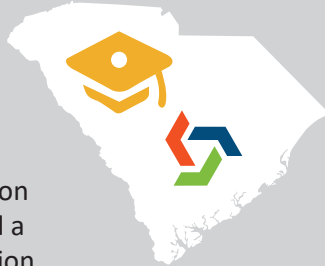
SCRA works directly with academic institutions and affiliated startups – creating opportunities to advance research capabilities and commercialize technology.

ACADEMIC PROGRAMS: COLLABORATING TO ADVANCE ACADEMIC RESEARCH

Strategic Collaboration Agreement

SCRA, Medical University of South Carolina, University of South Carolina and Clemson University executed a strategic collaboration agreement that creates a framework for technology-based economic development in South Carolina. The SCRA Academia Collaboration Team (SACT) develops and implements programs to deliver objectives of this agreement. The collaboration focuses on four key areas that will drive success and build upon the state's strengths:

- Increase research funding
- Create and advance early-stage, technology companies
- Increase total capital investment
- Encourage public-private partnerships to grow industry



Research Alliances

SCRA is fostering the growth of collaboration across academic institutions, and between academia and industry partners to advance commercially relevant research and establish Research Alliances. The SACT announced nearly \$600,000 in Research Alliance feasibility grants for six projects. Alliances will be formed for those areas demonstrating a critical mass of talent, infrastructure, financial resources, intellectual property and industry in South Carolina. Three fields were identified for Research Alliances: Medical Devices, Technology-enabled Solutions for Population Health and Industry neXt.



Funding For Academic Researchers



SBIR/STTR Matching Grants Up to \$50,000

Who: Federal Phase I awardees
When: February and August of each year
Why: To address critical gaps to obtaining Federal Phase II Funding



Maturation Grants Up to \$15,000

Who: SC Higher Education Public Institutions
When: RFA released yearly
Why: To augment an academic institution's maturation funds and expand development of technologies based on university intellectual property



Academic Startup Assistance Grants Up to \$50,000

Who: Academic Startups
When: On a rolling basis
Why: To develop technology and further research efforts from academic intellectual property



SACT Grants Up to \$100,000

Who: Collaborative multidisciplinary teams involving SC academic institutions and industry
When: RFA's released yearly
Why: To form Research Alliances between academia and industry to grow South Carolina's economy

SUCCESS STORY: NEUROENE THERAPEUTICS

University Affiliation: MUSC

Sector: Life Science

Region: Coastal

Neuroene Therapeutics has discovered a new Vitamin K-based therapeutic that will target difficult-to-treat neurological diseases such as Epilepsy, Parkinson's Disease and Mitochondrial Disease. Vitamin K improves mitochondrial health and is critical for keeping the brain healthy and functioning. However, the Vitamin K obtained from daily diets is processed and not the same as the one needed for brain health. The compound developed by Neuroene mimics this form of Vitamin K and travels directly to the brain improving neural health. The early-stage, Life Science company was spun out of the Medical University of South Carolina (MUSC) and founded by mitochondrial biologist Sherine S. L. Chan, Ph.D. and medicinal chemist C. James Chou, Ph.D.

Approximately 1 million people in the U.S. have epileptic seizures that are not well controlled by medications currently on the market. Neuroene's novel therapeutics are nontoxic and target new mechanisms that are different to the currently available drugs used for neurological diseases.

"Mitochondria are the powerhouses of the cell, and the brain needs a lot of energy for its function. A particular form of vitamin K protects the integrity of the mitochondria and helps them produce enough energy for brain cells," explained Chan.

In October 2018, the company was awarded \$1.5 million National Institutes of Health Phase II Small Business Innovation Research grant to continue to develop Vitamin K analogues that could improve seizure control in patients with drug-resistant epilepsy. SCRA provided a \$50,000 Matching SBIR/STTR grant to the company that will allow them to further test the compound on other diseases outside the scope of the SBIR award.



Dr. Chan and Dr. Chou, founders of Neuroene Therapeutics, an MUSC start-up that was awarded a \$1.5 million Federal SBIR Phase II grant to develop a novel anti-seizure compound for drug-resistant epilepsy.

PHOTO CREDIT: Sarah Pack, Medical University of South Carolina

**ACADEMIC
PROGRAMS
BY THE
NUMBERS**

\$9.7 M

Funding to support
academic research,
startups and
infrastructure FY14-18

61

Number of academically
affiliated companies
supported by SCRA's
Entrepreneurial Program,
SC Launch

SUCCESS STORY: SCRA-LED TEAM AWARDED i6 GRANT

\$1.8 million in total funding to establish the South Carolina Medical Device Alliance

SCRA was awarded approximately \$750,000 in federal grant funding by the U.S. Economic Development Administration (EDA) as part of the 2018 Regional Innovation Strategies Competition. The grant will fund the creation of the South Carolina Medical Device Alliance to invent and develop products and bring them to market. This partnership, comprised of Clemson University, the Medical University of South Carolina, SCRA and industry leaders, will form a regional innovation cluster to grow the economic impact of the medical device industry through job creation and startup formation, as well as to attract international businesses to establish a presence in South Carolina. The project total is \$1,814,846, which includes the federal grant funding and matching funds and the period of performance begins in March 2019.

The Office of Innovation and Entrepreneurship, housed within the U.S. Department of Commerce's Economic Development Administration, leads the Regional Innovation Strategies Program to spur innovation capacity-building activities in regions across the nation.

ANTICIPATED IMPACT OVER 8 YEARS

23 

New Startups
Formed

100 

New jobs

320 

New Patents
Filed

9 

Products
Licensed or
Launched

“We are honored to be one of forty recipients nationwide,” said Christine Dixon Thiesing, SCRA’s Director of Academic Programs. “This program will serve South Carolina’s academic institutions and clinical innovators to overcome challenges inherent in the commercialization of medical devices. Building the medical device sector will also diversify South Carolina’s economy strategically by leveraging the existing skilled workforce and fostering a broader range of job opportunities for its workers.”

\$1.2 M

Total funding awarded
to academic institutions
and academic startups in
FY18

19

Number of industry
partners engaged on
academic projects

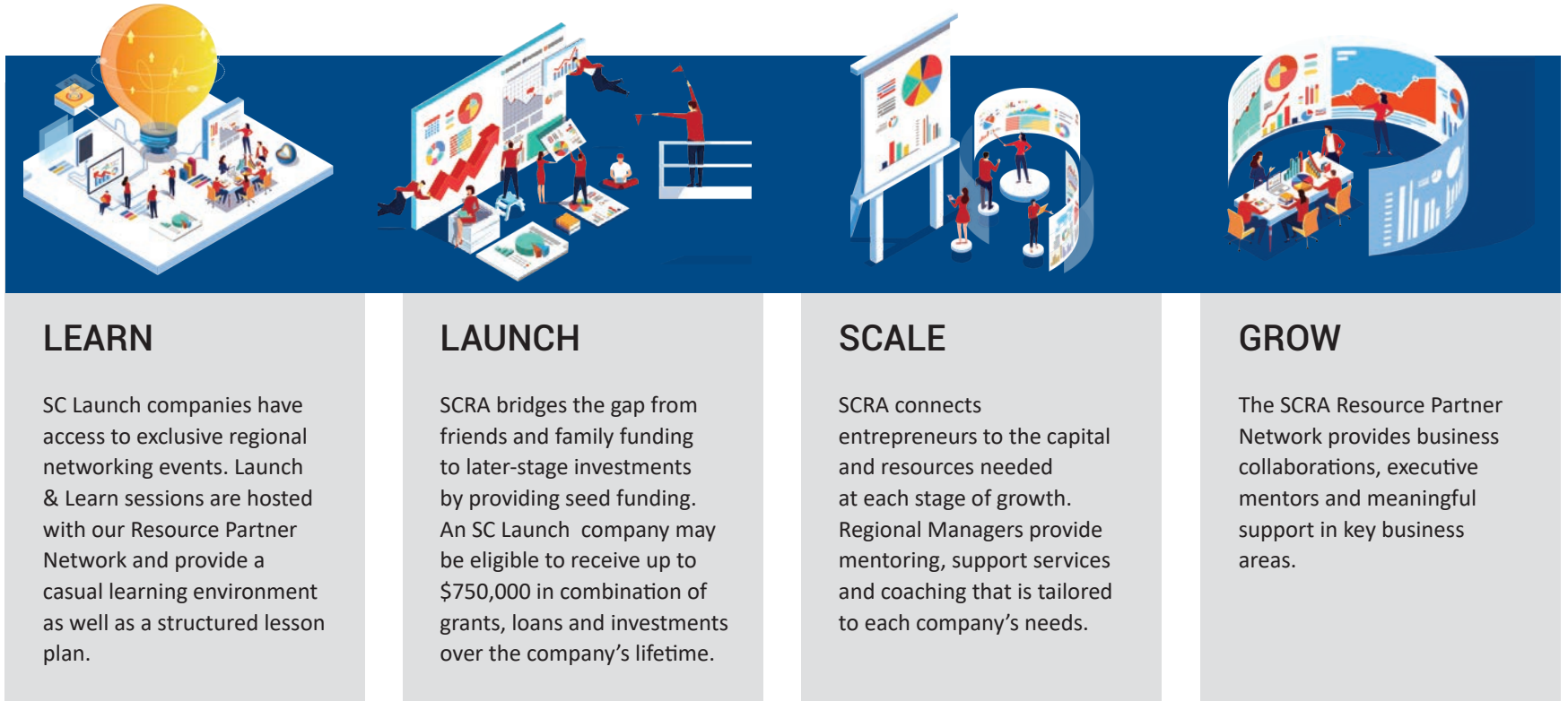


Laura Boccanfuso, CEO of SC Launch Client Company Vän Robotics, pitched at the 2018 NEXT Venture Pitch 2018 in Greenville, SC.

ENTREPRENEURIAL PROGRAMS

SCRA's Entrepreneurial Program, SC Launch, provides startups with mentoring, access to a network of business experts and grants. Companies may be eligible for an investment from SC Launch, Inc. The program is open to qualified South Carolina companies in the Advanced Manufacturing and Materials, Information Technology and Life Sciences sectors.

ENTREPRENEURIAL PROGRAMS: SUPPORTING STARTUPS THROUGH SC LAUNCH



Funding For Entrepreneurs



Project Development Fund Grants Up to \$25,000

Who: Early-stage companies

When: On a rolling basis

Why: To assist a startup in achieving critical milestones to commercialization



SC Launch, Inc. Investments Typically \$200,000

SC Launch Client Companies may be eligible to receive investments from SC Launch, Inc. Investments are approved by the SC Launch, Inc. Board.



Acceleration Grants Up to \$50,000

Who: Established, early-stage companies

When: On a rolling basis

Why: To progress a company towards commercialization and better position the company for an SC Launch, Inc. investment

SUCCESS STORY: DELTA BRAVO

Sector: Information Technology
Region: Midlands

Delta Bravo, located in Rock Hill, is an Artificial Intelligence (AI) Accelerator. The company's technology automates the most complex and time-consuming aspects of Data Science, helping companies deploy Machine Learning and AI capabilities faster and more cost-effectively.

Their software platform has taken customers like AccuWeather, Toyota, Atlas Copco and even the US Government from raw data to AI-capable, in less than a single month.

Delta Bravo has found a sweet spot in the manufacturing vertical, working with the South Carolina Manufacturing Extension Partnership to enable regional plants with predictive capabilities that improve throughput while reducing waste and downtime.

In 2018, the SC Launch Client Company received a \$50,000 Acceleration Grant through SCRA's Entrepreneurial Programs. The company was recently featured as the cover story in Smart Manufacturing Magazine.



**ENTREPRENEURIAL
PROGRAMS
BY THE
NUMBERS**

\$750,000

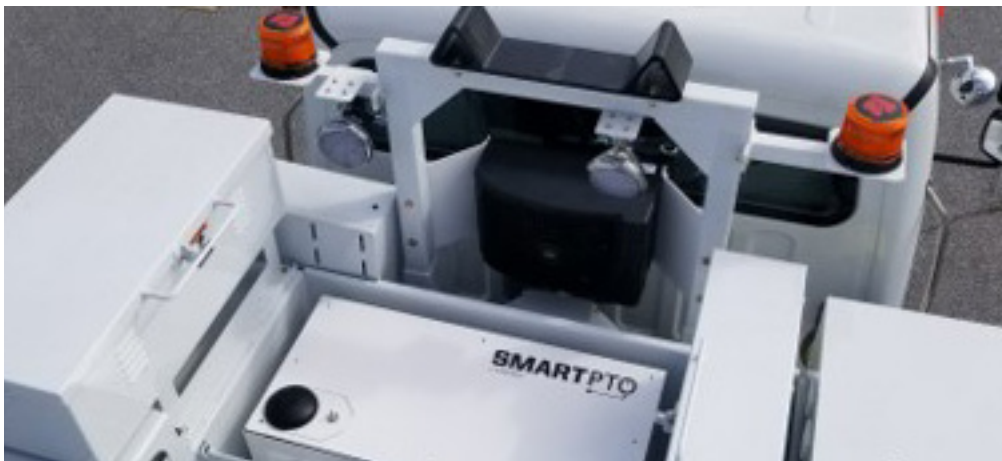
SC Launch companies may be eligible for up to \$750,000 in combination of grant awards, loans and investments

SUCCESS STORY: VIATEC

Sector: Advanced Manufacturing & Materials
Region: Upstate

Viatec has developed an affordable, green solution for commercial vehicles in the utility, telephone, construction and delivery industries. Their fully electric product, SmartPTO, is equipped to save fuel, reduce maintenance costs and lower noise while commercial vehicles are idling. Through national partnerships, Viatec delivers these products in a modular, flexible and scalable manner to meet customer needs.

The company has received two grants from SCRA. The first, in early 2017, was used for a pilot project on a fleet bucket truck with Greenville County. The second, an Acceleration Grant, was used to complete the development on a production-ready SmartPTO. In 2018, the company also received an SC Launch, Inc. investment to fulfill initial customer orders. Additionally, the company was awarded more than \$600,000 by Clean Fuels Advanced Technology Grant from NC Clean Energy Technology Center.



Viatec's SmartPTO installed in a bucket truck.

VIATEC'S ADVANTAGE

\$9,100 **1,890**

Savings per Year
Per Truck

Gallons of Fuel
Saved Per Year

69%

Reduction in
Maintenance
Costs

85%

Noise
Reduction

“

The team at SCRA has been with us from the beginning and at each step has provided the guidance, connections and resources to move to the next level.” said Mark Ferri, President of Viatec. “We are successful in large part to SCRA. We might have gotten here eventually, but SCRA made the difference that got us here today.

”

171

Total number of
SC Launch Client
Companies

\$48 M

Total amount of grants
and investments to
SC Launch companies
since inception.

85,133

Amount of square feet
occupied by SC Launch
companies across the
state.



INDUSTRY PROGRAMS

SCRA builds strong relationships with established companies and economic development organizations to create new value by connecting industry with innovators. SCRA also helps to relocate companies into the state and address unmet corporate needs.

INDUSTRY PROGRAMS: DELIVERING VALUE TO INDUSTRY THROUGH INNOVATION

Our team engages industry leaders to understand their technical needs and their unique vision for success. SCRA enlists our entrepreneurial and academic communities to identify potential technology-based solutions.



Funding Opportunities



Demonstration Grants Amounts Vary

Who: Early-stage companies and/or SC academic institutions

When: On a rolling basis

Why: Benefits both an industrial partner and a smaller company and/or academic institution by lowering technical or business risk through technology demonstration.



Relocation Grants Amounts Vary

Who: Companies relocating to South Carolina

When: On a rolling basis

Why: To offset costs associated with moving a company to South Carolina

SUCCESS STORY: GLOBAL TRANSPLANT SOLUTIONS

Sector: Life Science
Region: Upstate

Global Transplant Solutions is developing products for the human organ procurement and transplant marketplace. They currently supply a complete portfolio of organ preservation solutions to the Canadian transplant market and have received FDA clearance for two products in the United States market. The company is awaiting FDA clearance for four additional solutions.

The company, that has offices in Duncan and Columbia, SC, was accepted into SC Launch, as a Client Company in early 2017. After mentoring and preparing for due diligence by the SCRA's Regional Managers, the company has received two investments totaling \$350,000 from SC Launch, Inc.

Additionally, SCRA's Industry Programs team worked with the company to identify a plastic material capable of meeting the requirements of low-temperature impact and seal strength for a new frozen saline pouch design. Sealed Air, located in Duncan, SC, provided a medical-grade, non-PVC material that could resist impact at -20°F without leak failure. The team also identified Nephron, located in Columbia, SC, for product filling and shipping. With the identification of these solutions, the design, plastic sheet manufacturing, pouch fabrication and filling all take place in South Carolina.



Above: Global Transplant Solutions receives a big check to celebrate their second SC Launch, Inc. investment.

Below: Servator B SALF solution bags.



Global Transplant Solutions is proud to partner with SCRA and the SC Launch Program as we build our commercial business and further develop our proprietary hypothermia-inducing organ procurement product PerfeXslush™.
- John Bruens, CEO of Global Transplant Solutions

INDUSTRY PROGRAMS BY THE NUMBERS

24

Number of companies that SCRA has assisted in relocating to South Carolina

SUCCESS STORY: SCRA TECH INNOVATION ROADSHOW

SCRA and Prettl International partner to create first-of-its kind technology scouting roadshow

Collaboration between corporations and technology startups is a key driver for fueling innovation in South Carolina. It can benefit both sides by growing the companies, expanding competitive positioning and generating revenue. SCRA's Industry Programs supports these efforts with existing industry by advancing new technologies.

In 2018, the Industry Programs team met with industry leadership and discussed alternative methods to scout and introduce new technologies to manufacturers. From the fruits of those discussions came a new approach: the SCRA Tech Innovation Roadshow. This process provides a manufacturer the opportunity to pre-select technologies of interest, listen to the tech firms pitch their products in an interactive format and review multiple new technologies in one session.

Prettl International agreed to be one of the first manufacturers to try this new Tech Innovation Roadshow approach. Based on Prettl's input, the SC Launch Regional Managers identified Client Companies

that aligned with Prettl International's manufacturing, product and technology interests. Prettl's leadership reviewed the suggested companies and invited the tech firms to present on-site at their Greenville facility.

Results of the first SCRA Tech Innovation Roadshow with Prettl International were exciting. Two out of seven companies were selected for subsequent technical review meetings. One of these tech firms was invited to present their technology to Prettl International leadership in Germany where discussions continue.

Prettl has agreed to continue working with SCRA and host SCRA Tech Innovation Roadshows periodically throughout the year as new technologies are scouted and vetted that align with their interests.

SCRA's Industry Programs team is working with other manufacturers to identify and present new technologies to support their innovation, automation, digitalization and emerging markets initiatives.



\$3.4 M

Total amount funded for
Demonstration Projects
since inception

27

Total number of
Demonstration
Projects funded since
inception



The 22 WestEdge ground breaking ceremony in July 2018 was a chance to celebrate the many partnerships that were created to bring this iconic 125-foot, eight-story structure on the Charleston peninsula to life.

FACILITIES & INNOVATION CENTERS

SCRA established three Innovation Centers in collaboration with Clemson University, the Medical University of South Carolina and the University of South Carolina. In addition to owning and managing the three Innovation Centers, SCRA operates additional state-of-the-art facilities for emerging companies and academic institutions. The facilities include wet labs, research space and collaboration areas essential to advance technology as well as to grow and attract technology-based companies to South Carolina.

SCRA INNOVATION CENTERS AND FACILITIES



Applied Technologies Center

Summerville, SC

SCRA Applied Technologies Center in Summerville is a 10 acre facility situated at the junction of Exit 199 off I-26 and Highway 17-A, the property houses SCRA employees, ATI and Volvo.



USC/Columbia Innovation Center

Columbia, SC

Designed to accommodate business offices and clean, next generation manufacturing operations. USC's McNair Center and EngenuitySC are co-located in this facility.



Duke Energy Innovation Center

Anderson, SC

A LEED-Certified, Gold-Rated 'green' facility developed in partnership with Clemson and Duke Energy. Tenants in the building include Clemson researchers as well as academic startups.



MUSC Innovation Center

Charleston, SC

This Innovation Center has Bio Safety Level II Laboratories to support medical and bioscience research and commercialization.

SUCCESS STORY: 22 WESTEDGE

Charleston Peninsula Research & Office Space

The Life Sciences sector has an \$11.4 billion annual impact on South Carolina. The sector employs more than 15,000 people with an average salary of more than \$79,000. In Life Sciences, market driven innovation is the key; where research and investment dollars result in technological breakthroughs, thereby driving additional employment and growth. That is why 22 WestEdge is a key element of the new Discovery District in Charleston, SC and a pivotal addition to not only the Lowcountry but to the state.

22 WestEdge is located on the Charleston Peninsula adjacent to the Medical University of South Carolina (MUSC). SCRA has leased the entire top floor, approximately 16,000 square feet of space. In partnership with the City of Charleston, MUSC and others, our team is developing a strategic plan and recruitment strategy for the optimal use of the building. The primary focus is to attract large life science companies and to use the space for collaborative, market-driven research and commercialization.



1.3 M

Total square feet
of research, lab
collaboration and office
space managed by SCRA

16,000

Square feet of space
leased by SCRA at 22
WestEdge

FACILITIES BY THE NUMBERS

50

Number of companies
located in SCRA
Facilities

4

Number of SC Launch
companies that have
relocated to SCRA
facilities

SUCCESS STORY: DIGITAL TRANSFORMATION LAB

SCRA and University of South Carolina Partner for a Value-add to Industry in SC

The SCRA-USC Innovation Center in Columbia houses the University of South Carolina's McNAIR Center for Aerospace Innovation and Research. Over the past year, the Center has nearly doubled in size. The growth included new laboratories for drone design, combustion research and data analytics.

Partnerships are critical to the Center's success. In September 2018, UofSC announced partnerships with IBM, Samsung, Siemens and Yaskawa. The partnerships are driven through the Office of Economic Engagement, which has sought to create corporate research collaborations, commercialize technology developed at the university and support university startups.

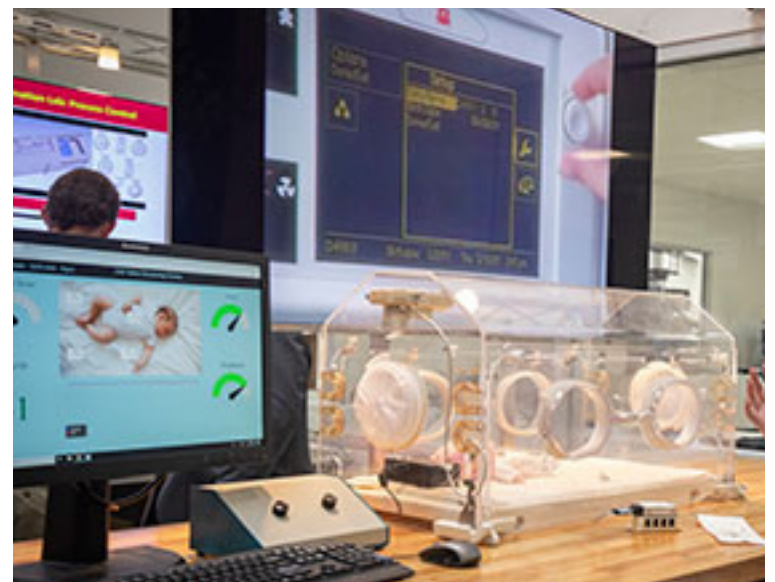
SCRA has worked with the University, researchers at the University and the Office of Economic Engagement to help customize the facility specific to UofSC and industry's needs.



Above: The Center is working with the U.S. Army on improving data-informed maintenance of the Apache helicopter fleet using a digital twin concept.

Below: A demonstration area of the research being conducted.

“ By creating new research partnerships and building on existing ones, we can infuse even more corporate investment into the Midlands and the state. The students who work on these research projects—whether they are computer scientists, engineers or designers—are well-positioned to find the kind of rewarding, high paying jobs that contribute so much to the state.
- Bill Kirkland, Director of the Office of Economic Engagement



FY18 FINANCIALS



Statements of Financial Position as of June 30, 2018 and 2017

As a public, non-profit organization, SCRA provides detailed reporting on all financials. The following information provides a summary of the financial position for Fiscal Year End 2018 and 2017.

(in thousands)

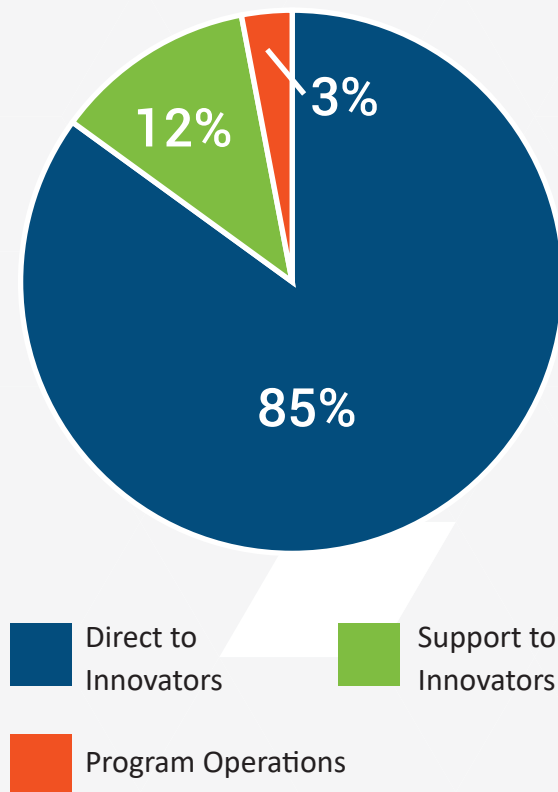
ASSETS	2018	2017
Current Assets	12,424	31,116
Capital Assets, net	33,944	35,232
Other Long Term Assets	39,114	28,000
Total Assets	85,482	93,348
LIABILITIES		
Current Liabilities	2,102	3,640
Long-term Liabilities	14,291	15,857
Total Liabilities	16,393	19,498
NET ASSETS		
Net Investments in	18,745	18,570
Capital Assets		
Unrestricted	44,846	45,302
Restricted	5,498	9,978
Total Net Position	69,089	73,850

INDUSTRY PARTNERSHIP FUND: USES

What is the Industry Partnership Fund?

The Industry Partnership Fund (IPF) was established in 2006 under the Industry Partners Act. South Carolina tax payers who contribute to the IPF are eligible for a 100% credit against South Carolina income taxes, insurance premium taxes and certain license fees. Through SCRA's Academic, Industry and Entrepreneurial Programs, funds are used to fuel technology-enabled growth in research, academia, entrepreneurship and industry.

FUND USES



SCRA BOARD OF TRUSTEES

The SCRA Board of Trustees is drawn from leading corporate, academic and government organizations.

Gregg B. Askins, Esq.
Attorney and Chairman
South Carolina Board of Technical and
Comprehensive Education

Mr. Bryant G. Barnes
President & CEO
Comporium Communications

Dr. L. Fred Carter
President
Francis Marion University

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South Carolina State University

Dr. James P. Clements
President
Clemson University

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President
Medical University of South Carolina

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CFO of Global Services & Solutions
Michelin

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River National Laboratory

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Legislative Delegation

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Professor & Chairman Board of Advisors
Clemson University & Watt Family
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Dr. Robert L. Wyatt
President, Coker College and
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Mr. Jonathan M. Zucker
President
The InterTech Group

EXECUTIVE COMMITTEE

The Executive Committee is comprised of the Presidents of Clemson University, the Medical University of South Carolina and the University of South Carolina, the Governor or designee (to serve as Chairman), an additional appointee of the Governor, the Chairman of the House Ways and Means Committee or designee, the Chairman of the Senate Finance Committee or designee and two additional members.



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SCRA Board Chairman



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President
Medical University of
South Carolina



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Professor & Chairman
Board of Advisors
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House Ways and
Means Committee



Dr. James P. Clements
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Attorney and SC
Senate Finance Committee

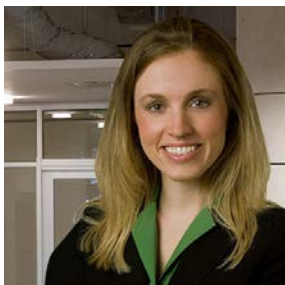


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Chairman
CFO, Global
Services &
Solutions for
Michelin Americas



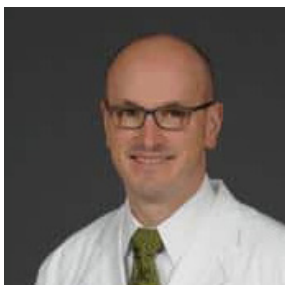
Natalie Ruggiero
Recently served
as BB&T's Market
President



Michael Vang
Retired. Former VP
for Vice President
for Business
and Marketing
Development for
Sweetwater Energy



Timothy Davis
CEO of
Advanced Care
Management, LLC



**W. Patrick
Springhart, MD**
Vice President
for Institutional
Innovation at Prisma
Health



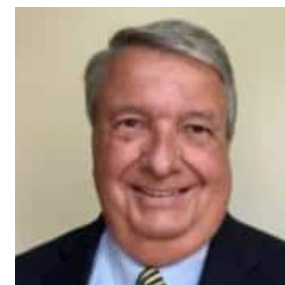
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Carolina Governor's
School for the Arts
and Humanities



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Innovation
Director of
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